

SCORE Search Results Details for Application 10529592 and Search Result 20090516_085910_us-10-529-592a-1.rni.

Score Home	Retrieve Application	SCORE System	SCORE	Comments /
Page	List	Overview	FAQ	Suggestions

This page gives you Search Results detail for the Application 10529592 and Search Result 20090516_085910_us-10-529-592a-1.rni.

[Go Back to previous page](#)

GenCore version 6.3

Copyright (c) 1993 - 2009 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: May 19, 2009, 19:00:52 ; Search time 2614 Seconds
(without alignments)
2398.716 Million cell updates/sec

Title: US-10-529-592A-1
Perfect score: 881
Sequence: 1 gggccatgacccccgctgct.....aaataaagatcctctgtaac 881

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 9875436 seqs, 3558593875 residues

Total number of hits satisfying chosen parameters: 19750872

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*

- 1: /ABSS/Data/CRF/ptodata/1/ina/1_COMB.seq:*
- 2: /ABSS/Data/CRF/ptodata/1/ina/5_COMB.seq:*
- 3: /ABSS/Data/CRF/ptodata/1/ina/6A_COMB.seq:*
- 4: /ABSS/Data/CRF/ptodata/1/ina/6B_COMB.seq:*
- 5: /ABSS/Data/CRF/ptodata/1/ina/7A_COMB.seq:*
- 6: /ABSS/Data/CRF/ptodata/1/ina/7B_COMB.seq:*
- 7: /ABSS/Data/CRF/ptodata/1/ina/7C_COMB.seq:*
- 8: /ABSS/Data/CRF/ptodata/1/ina/7D_COMB.seq:*
- 9: /ABSS/Data/CRF/ptodata/1/ina/HA_COMB.seq:*
- 10: /ABSS/Data/CRF/ptodata/1/ina/HB_COMB.seq:*

11: /ABSS/Data/CRF/ptodata/1/ina/PCTUS_COMB.seq:*
 12: /ABSS/Data/CRF/ptodata/1/ina/PP_COMB.seq:*
 13: /ABSS/Data/CRF/ptodata/1/ina/RE_COMB.seq:*
 14: /ABSS/Data/CRF/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result	Query						Description
	No.	Score	Match %	Length	DB	ID	
c	1	611	69.4	614	5	US-10-342-887-2531	Sequence 2531, Ap
c	2	48	5.4	435	9	US-09-925-065A-489708	Sequence 489708,
	3	48	5.4	491	9	US-09-925-065A-476799	Sequence 476799,
c	4	48	5.4	573	9	US-09-925-065A-489707	Sequence 489707,
	5	48	5.4	598	9	US-09-925-065A-476800	Sequence 476800,
c	6	47.2	5.4	1501	7	US-09-815-264-24819	Sequence 24819, A
c	7	47.2	5.4	88445	7	US-09-815-264-62185	Sequence 62185, A
	8	46.8	5.3	1074	6	US-10-369-493-40685	Sequence 40685, A
	9	46.6	5.3	937	7	US-09-815-264-42661	Sequence 42661, A
	10	46.6	5.3	5193	7	US-09-815-264-74174	Sequence 74174, A
	11	46.2	5.2	1166	7	US-09-815-264-71852	Sequence 71852, A
	12	46.2	5.2	11006	7	US-09-815-264-72063	Sequence 72063, A
c	13	46	5.2	23091	7	US-09-815-264-71914	Sequence 71914, A
c	14	45.4	5.2	905	7	US-09-815-264-7843	Sequence 7843, Ap
	15	45.4	5.2	5022	7	US-09-815-264-82346	Sequence 82346, A
c	16	44.8	5.1	570	5	US-10-703-032-53884	Sequence 53884, A
	17	44.2	5.0	25846	7	US-09-815-264-74363	Sequence 74363, A
c	18	44.2	5.0	33031	7	US-09-815-264-79040	Sequence 79040, A
c	19	44.2	5.0	45318	7	US-09-815-264-81171	Sequence 81171, A
	20	44	5.0	957	3	US-09-902-540-2935	Sequence 2935, Ap
	21	44	5.0	23417	3	US-09-902-540-1207	Sequence 1207, Ap
c	22	43.6	4.9	10047	7	US-09-815-264-88131	Sequence 88131, A
c	23	43.2	4.9	495	5	US-10-703-032-54541	Sequence 54541, A
c	24	43	4.9	1278	8	US-10-874-242-6	Sequence 6, Appli
	25	43	4.9	1521	3	US-09-949-016-5766	Sequence 5766, Ap
c	26	43	4.9	1525	3	US-09-964-895-3	Sequence 3, Appli
c	27	43	4.9	1525	3	US-10-651-013-3	Sequence 3, Appli
c	28	43	4.9	1525	5	US-10-832-353-3	Sequence 3, Appli
c	29	43	4.9	4211	6	US-10-252-111A-3	Sequence 3, Appli
c	30	43	4.9	4286	3	US-09-899-634C-1	Sequence 1, Appli
c	31	43	4.9	5630	5	US-10-473-637-9	Sequence 9, Appli
c	32	43	4.9	5759	3	US-09-954-483B-14	Sequence 14, Appl
c	33	43	4.9	6148	3	US-09-954-483B-13	Sequence 13, Appl
c	34	43	4.9	8033	3	US-09-574-779B-134	Sequence 134, App
	35	43	4.9	28374	3	US-09-949-016-17508	Sequence 17508, A
c	36	42.8	4.9	563	7	US-09-815-264-82517	Sequence 82517, A
	37	42.8	4.9	1252	8	US-10-098-754-10444	Sequence 10444, A
	38	42.8	4.9	77294	7	US-10-729-802A-1	Sequence 1, Appli

http://es/ScoreAccessWeb/GetItem.action?AppId=1052959...16 085910 us-10-529-592a-1.rni&ItemType=4&startByte=0 (3 of 17)5/25/2009 6:41:12 PM

Db	554	ACAGTCTGGCTGGATGAGACAGGGTCGTGCCCAGATGATGGAGAAATCGACCCAGAAGCC	495
Qy	391	TGAGGAGGTGTCCTGGGTTTGGCTGGCTGGCTCCTGCTCCAGCGGCCCGGCTTCAGGTGT	450
Db	494	TGAGGAGGTGTCCTGGGTTTGGCTGGCTGGCTCCTGCTCCAGCGGCCCGGCTTCAGGTGT	435
Qy	451	CCGGGGGCGTGGCTGCCTGGAGCAGGTGTGCTGAATACCCTGGATGGGAACTGAGCGAAC	510
Db	434	CCGGGGGCGTGGCTGCCTGGAGCAGGTGTGCTGAATACCCTGGATGGGAACTGAGCGAAC	375
Qy	511	CCGGGCCTCCGCTCAGAGAGACGTGGCAGGACCAGCGAGGAATCCAGCCTGTCCACTTCC	570
Db	374	CCGGGCCTCCGCTCAGAGAGACGTGGCAGGACCAGCGAGGAATCCAGCCTGTCCACTTCC	315
Qy	571	AGAACAGTGTTTCCCAGGCCCCGCTGAGTGGACCGGACCTCTGACACCTCCAGGTTCTTG	630
Db	314	AGAACAGTGTTTCCCAGGCCCCGCTGAGTGGACCGGACCTCTGACACCTCCAGGTTCTTG	255
Qy	631	CTGACTCCGGCCTGGTGAAAGGGAGCGCCATGGTCCTGGCTGTTGGGGTCCCAGGGAGAG	690
Db	254	CTGACTCCGGCCTGGTGAAAGGGAGCGCCATGGTCCTGGCTGTTGGGGTCCCAGGGAGAG	195
Qy	691	GCTCTCTTCTGGACAAACACACCCTCCCAGCCCCCAGGGCTGTGCAAACACATGCCCTG	750
Db	194	GCTCTCTTCTGGACAAACACACCCTCCCAGCCCCCAGGGCTGTGCAAACACATGCCCTG	135
Qy	751	CCATAAGCACCAACAAGAACTTCTTGCAGGTGGAGTGGCTGTTTTTTATAAGTTGTTTTA	810
Db	134	CCATAAGCACCAACAAGAACTTCTTGCAGGTGGAGTGGCTGTTTTTTATAAGTTGTTTTA	75
Qy	811	CAGATACGGAAACAGTCCAAAATGGGATTTATAATTTCTTTTTTGCATTATAAATAAAGA	870
Db	74	CAGATACGGAAACAGTCCAAAATGGGATTTATAATTTCTTTTTTGCATTATAAATAAAGA	15
Qy	871	TCCTCTGTAAAC	881
Db	14	TCCTCTGTAAAC	4

RESULT 2
US-09-925-065A-489708/c
; Sequence 489708, Application US/09925065A
; Patent No. H002191
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24

Query Match 5.4%; Score 48; DB 9; Length 435;
Best Local Similarity 100.0%; Pred. No. 0.097;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 144 GGCCTGCAGAGGTGCCGACATGGGGCTTAAGATGTCCTGCCTGAAAGG 191
 |||
 Db 71 GGCCTGCAGAGGTGCCGACATGGGGCTTAAGATGTCCTGCCTGAAAGG 24

```
; Sequence 476799, Application US/09925065A
; Patent No. H002191
; GENERAL INFORMATION:
;   APPLICANT: Wang, David G.
;   TITLE OF INVENTION: Identification and Mapping of Single
;   TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
;   FILE REFERENCE: 108827.135
;   CURRENT APPLICATION NUMBER: US/09/925,065A
;   CURRENT FILING DATE: 2001-08-08
;   PRIOR APPLICATION NUMBER: US 60/243,096
;   PRIOR FILING DATE: 2000-10-24
;   PRIOR APPLICATION NUMBER: US 60/252,147
;   PRIOR FILING DATE: 2000-11-20
;   PRIOR APPLICATION NUMBER: US 60/250,092
;   PRIOR FILING DATE: 2000-11-30
;   PRIOR APPLICATION NUMBER: US 60/261,766
;   PRIOR FILING DATE: 2001-01-16
;   PRIOR APPLICATION NUMBER: US 60/289,846
;   PRIOR FILING DATE: 2001-05-09
;   NUMBER OF SEQ ID NOS: 957086
;   SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 476799
;   LENGTH: 491
;   TYPE: DNA
;   ORGANISM: Homo sapiens
```


Query Match 5.4%; Score 48; DB 9; Length 598;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 144 GGCCTGCAGAGGTGCCGACATGGGGCTTAAGATGTCCTGCCTGAAAGG 191
 |||
 Db 363 GGCCTGCAGAGGTGCCGACATGGGGCTTAAGATGTCCTGCCTGAAAGG 410

```
; Sequence 24819, Application US/09815264
; Patent No. 7365185
; GENERAL INFORMATION:
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Cao, Yongwei
; APPLICANT: Dotson, Stanton B.
; APPLICANT: Koshi, Jeffrey M.
; APPLICANT: Kovalic, David K.
; APPLICANT: Liu, Jingdong
; APPLICANT: McIninch, James
; APPLICANT: Wu, Wei
; TITLE OF INVENTION: Genomic Plant Sequences And Uses Thereof
; FILE REFERENCE: 38-21(51237)G
; CURRENT APPLICATION NUMBER: US/09/815,264
; CURRENT FILING DATE: 2001-03-23
```

; PRIOR APPLICATION NUMBER: US 09/620,392
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/702,134
; PRIOR FILING DATE: 2000-10-31
; NUMBER OF SEQ ID NOS: 109669
; SEQ ID NO 24819
; LENGTH: 1501
; TYPE: DNA
; ORGANISM: Oryza sativa
US-09-815-264-24819

Query Match 5.4%; Score 47.2; DB 7; Length 1501;
Best Local Similarity 48.2%; Pred. No. 0.24;
Matches 133; Conservative 0; Mismatches 143; Indels 0; Gaps 0;

Qy 50 CCGAGCCCGACCGCCGCCGCCACCACCAGCGCCCGGGCGGGCCTCGCGCGCCTCGGG 109
|| || || || || || | | | | ||| |||| ||| | | |
Db 873 CCATTCCATTCCACCACCCCAAAAAAATCTCCACCCGCCGCCCTCCGGCGACACCGC 814

Qy 110 CGCGGCTCCGCAGTGAGCCCACCAAGAAGGAAGCGGCCTGCAGAGGTGCCGACATGGGGC 169
| | || | | | || | | |||| || ||| ||| | | |
Db 813 CACCGCCACCGGAGAGATGTTGCTGGTGAGCCAGGCCGCAATGGTTCCGTCTCCGCGC 754

Qy 170 TTAAGATGTCCTGCCTGAAAGGCTTTCAAATGTGTGTCAGCAGCAGCAGCAGCAGCCACG 229
| || ||| | | | | | | | || ||||| ||||| || |
Db 753 GGCGGCTGCCCTCCAAGCAGCCCGGCCGCCACGGCGGTAGCGGCAGCAGCAGCGTCCCCA 694

Qy 230 ACGAGGCCCCCGTCTCTGAACGACAAGCACCTGGACGTGCCCGACATCATCATCACGCCCC 289
|| | ||| || | | || || ||| || | | | | | | |
Db 693 ACCCGTACCCGCTCTTCGCCACCACGCGCCTTCTTCGCGACCGCCGCCGCCGCCGCTCG 634

Qy 290 CCACCCCCACGGGCATGATGCTGCCGAGGGACTTGG 325
| | || | | || || | ||| | | |
Db 633 CGCTCTCCGGCGCCGACGCGCGGCGGGGGGCCCTCG 598

RESULT 7
US-09-815-264-62185/c
; Sequence 62185, Application US/09815264
; Patent No. 7365185
; GENERAL INFORMATION:
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Cao, Yongwei
; APPLICANT: Dotson, Stanton B.
; APPLICANT: Koshi, Jeffrey M.
; APPLICANT: Kovalic, David K.
; APPLICANT: Liu, Jingdong
; APPLICANT: McIninch, James
; APPLICANT: Wu, Wei
; TITLE OF INVENTION: Genomic Plant Sequences And Uses Thereof
; FILE REFERENCE: 38-21(51237)G
; CURRENT APPLICATION NUMBER: US/09/815,264

; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: US 09/620,392
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/702,134
; PRIOR FILING DATE: 2000-10-31
; NUMBER OF SEQ ID NOS: 109669
; SEQ ID NO 62185
; LENGTH: 88445
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(88445)
; OTHER INFORMATION: unsure at all n locations
US-09-815-264-62185

Query Match 5.4%; Score 47.2; DB 7; Length 88445;
Best Local Similarity 48.2%; Pred. No. 1;
Matches 133; Conservative 0; Mismatches 143; Indels 0; Gaps 0;

Qy 50 CCGAGCCCGACCGCCGCCACCACCAGCGCCCGGGCGGGCCTCGCGCGCCTCGGG 109
|| || || || || || | | | | |||| |||| || | | |
Db 58817 CCATTCCATTCCACCACCCCAAAAAAATCTCCACCCGCCGCCCTCCGGCGACACCGC 58758

Qy 110 CGCGGCTCCGCAGTGAGCCCAAGGAAGGAAGCGGCCTGCAGAGGTGCCGACATGGGGC 169
| | || | | | || | | |||| || || || | | | |
Db 58757 CACCGCCACCGGAGAGATGTTGCTGGTGAGCCAGGCCCAATGGTTCCGTCTCCGCGC 58698

Qy 170 TTAAGATGTCCTGCCTGAAAGGCTTTCAAATGTGTGTCAGCAGCAGCAGCAGCCACG 229
| || || | | | | | | | | || |||| |||| || | | |
Db 58697 GGCGGCTGCCCTCCAAGCAGCCCGGCCGCCACGGCGGTAGCGGCAGCAGCAGCGTCCCCA 58638

Qy 230 ACGAGGCCCCCGTCTGAACGACAAGCACCTGGACGTGCCCGACATCATCATCACGCCCC 289
|| | ||| || | | || || || || || | | | | | | |
Db 58637 ACCCGTACCCGCTCTTCGCCACCACGCGCCTTCTTCCGCACCGCCGCCGCCGCCGCTCG 58578

Qy 290 CCACCCCCACGGGCATGATGCTGCCGAGGGACTTGG 325
| | || | | || || || || || | | |
Db 58577 CGCTCTCCGGCGCCGACGCGCGGGGGGGCCCTCG 58542

RESULT 8
US-10-369-493-40685
; Sequence 40685, Application US/10369493
; Patent No. 7314974
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianfeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF

; TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
; FILE REFERENCE: 38-10(52052)B
; CURRENT APPLICATION NUMBER: US/10/369,493
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/360,039
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 40685
; LENGTH: 1074
; TYPE: DNA
; ORGANISM: Caulobacter crescentus
US-10-369-493-40685

Query Match 5.3%; Score 46.8; DB 6; Length 1074;
Best Local Similarity 50.0%; Pred. No. 0.26;
Matches 117; Conservative 0; Mismatches 117; Indels 0; Gaps 0;

Qy	75	CCACCAGCGCCCGGGCGGGCCTCGCGCGCCTCGGGCGCGGCTCCGCAGTGAGCCCACCAA	134
Db	825	CGACAAGCGCGTCCCCGGCCACGGCGAGGACCTGGAGCGCCTGCGCAAGAACCGCATCCT	884
Qy	135	GAAGGAAGCGGCCTGCAGAGGTGCCGACATGGGGCTTAAGATGTCCTGCCTGAAAGGCTT	194
Db	885	GATCGACGGCGCCGTCGGCGAGGAAGGGCTCTTGCTGCAGATCTTCACCGAGAACCTGTT	944
Qy	195	TCAAATGTGTGTCAGCAGCAGCAGCAGCAGCCACGACGAGGCCCCCGTCCTGAACGACAA	254
Db	945	TGGTCCGATCTTCTTCGAGATCATCCAGCGCAAGGGCAATGAAGGCTTCGGCAACGGCAA	1004
Qy	255	GCACCTGGACGTGCCCGACATCATCATCACGCCCCCACCCCCACGGGCATGAT	308
Db	1005	CTTCAGGCCCTGTTTCGAGAGCATCGAACTGGACCAGATCCGCCGCGGCGTGAT	1058

RESULT 9
US-09-815-264-42661
; Sequence 42661, Application US/09815264
; Patent No. 7365185
; GENERAL INFORMATION:
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Cao, Yongwei
; APPLICANT: Dotson, Stanton B.
; APPLICANT: Koshi, Jeffrey M.
; APPLICANT: Kovalic, David K.
; APPLICANT: Liu, Jingdong
; APPLICANT: McIninch, James
; APPLICANT: Wu, Wei
; TITLE OF INVENTION: Genomic Plant Sequences And Uses Thereof
; FILE REFERENCE: 38-21(51237)G
; CURRENT APPLICATION NUMBER: US/09/815,264
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: US 09/620,392

; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/702,134
; PRIOR FILING DATE: 2000-10-31
; NUMBER OF SEQ ID NOS: 109669
; SEQ ID NO 42661
; LENGTH: 937
; TYPE: DNA
; ORGANISM: Oryza sativa
US-09-815-264-42661

Query Match 5.3%; Score 46.6; DB 7; Length 937;
Best Local Similarity 56.1%; Pred. No. 0.28;
Matches 88; Conservative 0; Mismatches 69; Indels 0; Gaps 0;

Qy 4 CCATGACCCCCGCTGCTCTGTCTTGCAGGCTCGTTCGCCGCGGCCCCCGAGCCCGACCGC 63
||| || |||| || | || | || | | || || || || || || ||
Db 360 CCACCGCCGCCGCCGCCGCCGCCGCCGCGCGCCGACTCCACTTCCACCGCCGCCGCGCGCCACCTC 419

Qy 64 CGCCGCCACCACCACCAGCGCCCGGGCGGGCCTCGCGCGCCTCGGGCGCGGCTCCGCAGT 123
| || |||| |||| |||| ||| ||| | |||| | ||| || |||
Db 420 CACCTCCACCGCCACCGCCGCCGCTGCGCGCCGACTCCACCTCCGCCGCTGCCGCGCGCC 479

Qy 124 GAGCCCACCAAGAAGGAAGCGGCCTGCAGAGGTGCCG 160
|| |||| | || || || || | ||
Db 480 GACTCCACCGCCGCCGCCGCCGCCGCCGCGCGCCGACTTTACG 516

RESULT 10
US-09-815-264-74174
; Sequence 74174, Application US/09815264
; Patent No. 7365185
; GENERAL INFORMATION:
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Cao, Yongwei
; APPLICANT: Dotson, Stanton B.
; APPLICANT: Koshi, Jeffrey M.
; APPLICANT: Kovalic, David K.
; APPLICANT: Liu, Jingdong
; APPLICANT: McIninch, James
; APPLICANT: Wu, Wei
; TITLE OF INVENTION: Genomic Plant Sequences And Uses Thereof
; FILE REFERENCE: 38-21(51237)G
; CURRENT APPLICATION NUMBER: US/09/815,264
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: US 09/620,392
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/702,134
; PRIOR FILING DATE: 2000-10-31
; NUMBER OF SEQ ID NOS: 109669
; SEQ ID NO 74174
; LENGTH: 5193
; TYPE: DNA

Query Match 5.3%; Score 46.6; DB 7; Length 5193;
Best Local Similarity 56.1%; Pred. No. 0.52;
Matches 88; Conservative 0; Mismatches 69; Indels 0; Gaps 0;

Qy	4	CCATGACCCCCGCTGCTCTGTCTTGCAGGCTCGTTCGCCGCGGCCCGAGCCCGACCGC	63
Db	360	CCACCGCCGCGCCGCGCCGCGCGCCGACTCCACTTCCACCGCCGCGCGCCACCTC	419
Qy	64	CGCCGCCACCACCAGCGCCCGGGCGGGCCTCGCGCGCCTCGGGCGCGGCTCCGCAGT	123
Db	420	CACCTCCACCGCCACCGCCGCGCTGCGCGCCGACTCCACCTCCGCCGCTGCCGCGCGCC	479
Qy	124	GAGCCCACCAAGAAGGAAGCGGCCTGCAGAGGTGCCG	160
Db	480	GACTCCACCGCCGCCGCGCCGCGCGCCGACTTTACG	516

US-09-815-264-71852

; Patent No. 7365185

; GENERAL INFORMATION:

; APPLICANT: Cao, Yongwei

; APPLICANT: Dotson, Stanton B.

; APPLICANT: Koshi, Jeffrey M.

APPLICANT: Kovalic, David K.

; APPLICANT: Liu, Jingdong

; APPLICANT: McIninch, James

; APPLICANT: Wu, Wei

1; TITLE OF INVENTION: Genomic Plant Sequences And Uses Thereof

; FILE REFERENCE: 38-21(51237)G

; CURRENT APPLICATION NUMBER: US/09/815,264

; CURRENT FILING DATE: 2001-03-23

; PRIOR APPLICATION NUMBER: US 09/620,392

; PRIOR FILING DATE: 2000-07-19

; PRIOR APPLICATION NUMBER: US 09/702,134

; PRIOR FILING DATE: 2000-10-31

; NUMBER OF SEO ID NOS: 109669

; SEQ ID NO 71852

```
; LENGTH: 1166
```

```
; TYPE: DNA
```

; ORGANISM: Oryza sativa

US-09-815-264-71852

Query Match 5.2%; Score 46.2; DB 7; Length 1166;
Best Local Similarity 47.2%; Pred. No. 0.38;
Matches 141; Conservative 0; Mismatches 158; Indels 0; Gaps 0;

Qy	47	CCCCCGAGCCCGACCGCCGCCGCCACCACCACCAGCGCCCGGGCGGGCCTCGCGCGCCTC	106
Db	565	CCCAGGAGCTCCTCAGCCACCGCCGCGTCCAGTCGTTCCGCCCCGTCCGCGAGGACGAGC	624
Qy	107	GGGCGCGGCTCCGCAGTGAGCCCACCAAGAAGGAAGCGGCCTGCAGAGGTGCCGACATGG	166
Db	625	TCGGCCGCCTCCTCCGCGCCGTCGACGCGGCGGCGGCGGCCGGGACGGCGGTGAACCTCA	684
Qy	167	GGCTTAAGATGTCCTGCCTGAAAGGCTTTCAAATGTGTGTCAGCAGCAGCAGCAGCAGCC	226
Db	685	CGGCGATGATGTCCACCTACGTCGCCGACTCCACGGTGCGCGCCATCATCGGCAGCCGCC	744
Qy	227	ACGACGAGGCCCCCCGTCCTGAACGACAAGCACCTGGACGTGCCCCGACATCATCATCACGC	286
Db	745	GGCTCAAGGACCGCGACGCGTTCCTCCGGATGCTCGACGAGCTGTTACCATCATGCCCG	804
Qy	287	CCCCCACCCCCACGGGCATGATGCTGCCGAGGGACTTGGGGAGCACAGTCTGGCTGGAT	345
Db	805	GGATGAGCCTCCCGGACCTCTTCCCGTCGTCGCGCCTCGCCATGCTCGTCAGCCGCGCT	863

RESULT 12
US-09-815-264-72063
; Sequence 72063, Application US/09815264
; Patent No. 7365185
; GENERAL INFORMATION:
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Cao, Yongwei
; APPLICANT: Dotson, Stanton B.
; APPLICANT: Koshi, Jeffrey M.
; APPLICANT: Kovalic, David K.
; APPLICANT: Liu, Jingdong
; APPLICANT: McIninch, James
; APPLICANT: Wu, Wei
; TITLE OF INVENTION: Genomic Plant Sequences And Uses Thereof
; FILE REFERENCE: 38-21(51237)G
; CURRENT APPLICATION NUMBER: US/09/815,264
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: US 09/620,392
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/702,134
; PRIOR FILING DATE: 2000-10-31
; NUMBER OF SEQ ID NOS: 109669
; SEQ ID NO 72063
; LENGTH: 11006
; TYPE: DNA
; ORGANISM: Oryza sativa
US-09-815-264-72063

Query Match 5.2%; Score 46.2; DB 7; Length 11006;
Best Local Similarity 47.2%; Pred. No. 0.85;
Matches 141; Conservative 0; Mismatches 158; Indels 0; Gaps 0;

Qy	47	CCCCCGAGCCCCGACCGCCGCGCCACCACCACCAGCGCCCGGGCGGGCCTCGCGCGCCTC	106
Db	5739	CCCAGGAGCTCCTCAGCCACCGCCGCGTCCAGTCGTTCCGCCCCGTCCGCGAGGACGAGC	5798
Qy	107	GGGCGCGGCTCCGCAGTGAGCCCACCAAGAAGGAAGCGGCCTGCAGAGGTGCCGACATGG	166
Db	5799	TCGGCCGCCTCCTCCGCGCCGTCGACGCGGCGGCGGCGGCCGGGACGGCGGTGAACCTCA	5858
Qy	167	GGCTTAAGATGTCCTGCCTGAAAGGCTTTCAAATGTGTGTCAGCAGCAGCAGCAGCAGCC	226
Db	5859	CGGCGATGATGTCCACCTACGTCGCCGACTCCACGGTGCGCGCCATCATCGGCAGCCGCC	5918
Qy	227	ACGACGAGGCCCCCGTCCTGAACGACAAGCACCTGGACGTGCCCGACATCATCATCACGC	286
Db	5919	GGCTCAAGGACCGCGACGCGTTCCTCCGGATGCTCGACGAGCTGTTACCATCATGCCCG	5978
Qy	287	CCCCCACCACCGGGCATGATGCTGCCGAGGGACTTGGGGAGCACAGTCTGGCTGGAT	345
Db	5979	GGATGAGCCTCCCGGACCTCTTCCCGTCGTCGCGCCTCGCCATGCTCGTCAGCCGCGCT	6037

RESULT 13
US-09-815-264-71914/c
; Sequence 71914, Application US/09815264
; Patent No. 7365185
; GENERAL INFORMATION:
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Cao, Yongwei
; APPLICANT: Dotson, Stanton B.
; APPLICANT: Koshi, Jeffrey M.
; APPLICANT: Kovalic, David K.
; APPLICANT: Liu, Jingdong
; APPLICANT: McIninch, James
; APPLICANT: Wu, Wei
; TITLE OF INVENTION: Genomic Plant Sequences And Uses Thereof
; FILE REFERENCE: 38-21(51237)G
; CURRENT APPLICATION NUMBER: US/09/815,264
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: US 09/620,392
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/702,134
; PRIOR FILING DATE: 2000-10-31
; NUMBER OF SEQ ID NOS: 109669
; SEQ ID NO 71914
; LENGTH: 23091
; TYPE: DNA
; ORGANISM: Oryza sativa
US-09-815-264-71914

Query Match 5.2%; Score 46; DB 7; Length 23091;
Best Local Similarity 50.5%; Pred. No. 1.2;

Matches 112; Conservative 0; Mismatches 110; Indels 0; Gaps 0;

Qy 32 GCTCGTCGCCGCGGCCCCCGAGCCCGACCGCCGCCACCACCAGCGCCCGGGCG 91
| || ||| |||| | || | | || | || | || || || || ||
Db 9193 GGTCTCTGACGCGCACGCCGGCGGCCACCAGCACCGCCCGCTCCCGCCCGCACCACCACG 9134

Qy 92 GGCCTCGCGCGCCTCGGGCGGGCTCCGCAGTGAGCCCAACAAGAAGGAAGCGGCCTGCA 151
||| | || ||| |||| | |||| | || |||| | |
Db 9133 CCAGCTGCGAGAACGTCTCGAGGCCGCGCATGGCGCCCCACGCCGTGGCCGCGGTCACCG 9074

Qy 152 GAGGTGCCGACATGGGGCTTAAGATGTCCTGCCTGAAAGGCTTTCAAATGTGTGTCAGCA 211
| |||| || | | ||| || || | | || | | || || ||
Db 9073 TGGCCGCCGCGCCGGCGGGGAGGATCTCCAGCGCGTACGACTCGTCCACGCCGTGCTGCA 9014

Qy 212 GCAGCAGCAGCAGCCACGACGAGGCCCCCGTCCTGAACGACA 253
|| || |||| ||| ||| |||| | || ||
Db 9013 GCGGCGCGTGCAGGTCGGACACGGCGAGCGTCAGGTACCCCA 8972

RESULT 14

US-09-815-264-7843/c

; Sequence 7843, Application US/09815264

; Patent No. 7365185

; GENERAL INFORMATION:

; APPLICANT: Boukharov, Andrey A.

; APPLICANT: Cao, Yongwei

; APPLICANT: Dotson, Stanton B.

; APPLICANT: Koshi, Jeffrey M.

; APPLICANT: Kovalic, David K.

; APPLICANT: Liu, Jingdong

; APPLICANT: McIninch, James

; APPLICANT: Wu, Wei

; TITLE OF INVENTION: Genomic Plant Sequences And Uses Thereof

; FILE REFERENCE: 38-21(51237)G

; CURRENT APPLICATION NUMBER: US/09/815,264

; CURRENT FILING DATE: 2001-03-23

; PRIOR APPLICATION NUMBER: US 09/620,392

; PRIOR FILING DATE: 2000-07-19

; PRIOR APPLICATION NUMBER: US 09/702,134

; PRIOR FILING DATE: 2000-10-31

; NUMBER OF SEQ ID NOS: 109669

; SEQ ID NO 7843

; LENGTH: 905

; TYPE: DNA

; ORGANISM: Oryza sativa

; FEATURE:

; NAME/KEY: unsure

; LOCATION: (1)..(905)

; OTHER INFORMATION: unsure at all n locations

US-09-815-264-7843

Query Match 5.2%; Score 45.4; DB 7; Length 905;

Best Local Similarity 60.8%; Pred. No. 0.56;
Matches 73; Conservative 0; Mismatches 47; Indels 0; Gaps 0;

Qy 10 CCCCCGCTGCTCTGTCTTGCAGGCTCGTCGCCGCGGCCCCCGAGCCCGACCGCCGCCGC 69
| | | | | | | | | | | | | | | | | | | | | | | | | |
Db 458 CCC 399

Qy 70 CACCACCACCAGCGCCCGGGCGGGCCTCGCGCGCCTCGGGCGCGGCTCCGCAGTGAGCCC 129
| | | | | | | | | | | | | | | | | | | | | | | | | |
Db 398 CCCCCCGCCGCGCCCGGGCGCGCGCCCGGCGCGCCCCGGCCCCCGCCGCCGCCGGGCGCNC 339

RESULT 15
US-09-815-264-82346
; Sequence 82346, Application US/09815264
; Patent No. 7365185
; GENERAL INFORMATION:
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Cao, Yongwei
; APPLICANT: Dotson, Stanton B.
; APPLICANT: Koshi, Jeffrey M.
; APPLICANT: Kovalic, David K.
; APPLICANT: Liu, Jingdong
; APPLICANT: McIninch, James
; APPLICANT: Wu, Wei
; TITLE OF INVENTION: Genomic Plant Sequences And Uses Thereof
; FILE REFERENCE: 38-21(51237)G
; CURRENT APPLICATION NUMBER: US/09/815,264
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: US 09/620,392
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/702,134
; PRIOR FILING DATE: 2000-10-31
; NUMBER OF SEQ ID NOS: 109669
; SEQ ID NO 82346
; LENGTH: 5022
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(5022)
; OTHER INFORMATION: unsure at all n locations
US-09-815-264-82346

Query Match 5.2%; Score 45.4; DB 7; Length 5022;
Best Local Similarity 60.8%; Pred. No. 1;
Matches 73; Conservative 0; Mismatches 47; Indels 0; Gaps 0;

Qy 10 CCCCCGCTGCTCTGTCTTGCAGGCTCGTCGCCGCGGCCCCCGAGCCCGACCGCCGCCGC 69
| | | | | | | | | | | | | | | | | | | | | | | | | |
Db 4565 CCC 4624

Qy	70	CACCACCACCAGCGCCCGGGCGGGCCTCGCGCGCCTCGGGCGCGGCTCCGCAGTGAGCCC	129
Db	4625	CCCCCCGCGCCGGCCCGGGCGCGCGCCCGGCGCGCCCCGGCCCCGCGCCGCGCCGGGCGCNC	4684

Search completed: May 19, 2009, 19:44:40
Job time : 2628 secs

SCORE 8.0